

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

Date/Time. 6/25/02 8 15am and 4 15pm at B442 Site

Site Contact(s): Mark Burmeister
Phone: 303-966-5891

Regulatory Contact: David Kruchek
Phone 303-692-3328

Agency. CDPHE

Purpose of Contact. B442 Slab Remediation Project

Discussion

8 15 am telcon, We discussed excavation of the sanitary sewer line running from B442 "Laundry" (L) slab to the west to the manhole on 5th Street. Excavation of the drain line occurred on Monday, 6/24/02 at a point approx 10' east of the manhole. The burial tape and sand fill around the drain were identified at approx 8' deep, the drain line was not actually exposed due to groundwater intrusion into the excavation at an estimated rate of approx 3-5 gallons per minute. The excavation was backfilled immediately due to potential health and safety issues (i.e. slope stability, the sidewalls of the excavation were unstable). I informed Dave that re-excavation and exposure of the line was planned for today at the eastern edge of the footer for the "L" slab. We agreed that if a section of drain line between the "L" slab and the manhole on 5th Street had to be abandoned in place to ensure worker safety, the pipe will be characterized, sampled and/or surveyed prior to grouting and abandoning in place.

4 15 mtg at B442 Site, I advised Dave that the drain line had been exposed at approx 6' deep at the base of the L slab footer. The pipe appeared to be cast iron and not clay as was originally anticipated, and the excavation was free of groundwater. The excavation is not acceptable for personnel entry at this time. Continued excavation of the line was planned for later in the week, and a plan for tapping and draining, and grouting or epoxy-filling the line would be developed as we expose more of the sewer line. We agreed that the sanitary sewer is currently considered to be contaminated and every attempt will be made to remove the sewer line back to the main line (as long as it is safe to do so), unless it can be shown to be free of contamination. The application of a fixident or filling with grout or epoxy is considered a temporary "fix" and not the final solution. The final disposition of this pipe will be deferred to the disposition of the process waste system.

I also advised Dave of the following,

- 1) Sections of the concrete slab from the Laundry side of Building 442 were being surveyed and released for transport to the 980 rubble pile on-site. Known contaminated portions of the "L" slab (i.e., 2 sumps and scale pit) were being considered and packaged as LLW. Some areas of the slab had been constructed using a black construction joint material. Some of the joint material had elevated radiological readings and that material and portions of concrete with the joint material were also being considered LLW at this time.
- 2) We also discussed results from a sample removed from the upper portion of a drain clean-out in the "L" slab. The oily-looking sediment material was discovered by a worker at the site when the Remediation subcontractor originally mobilized to the B442 site. Preliminary results of the sediment indicate 87,000,000 ppb bis (2-ethylhexyl) phthalate (a common vacuum pump oil). We agreed that the

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ADMIN RECORD
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characterization sampling of soils within the footprint of the "L" slab should include SVOAs This sampling is already included in the IASAP Addendum for this project

Contact Record Prepared By: Mark Burmeister

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